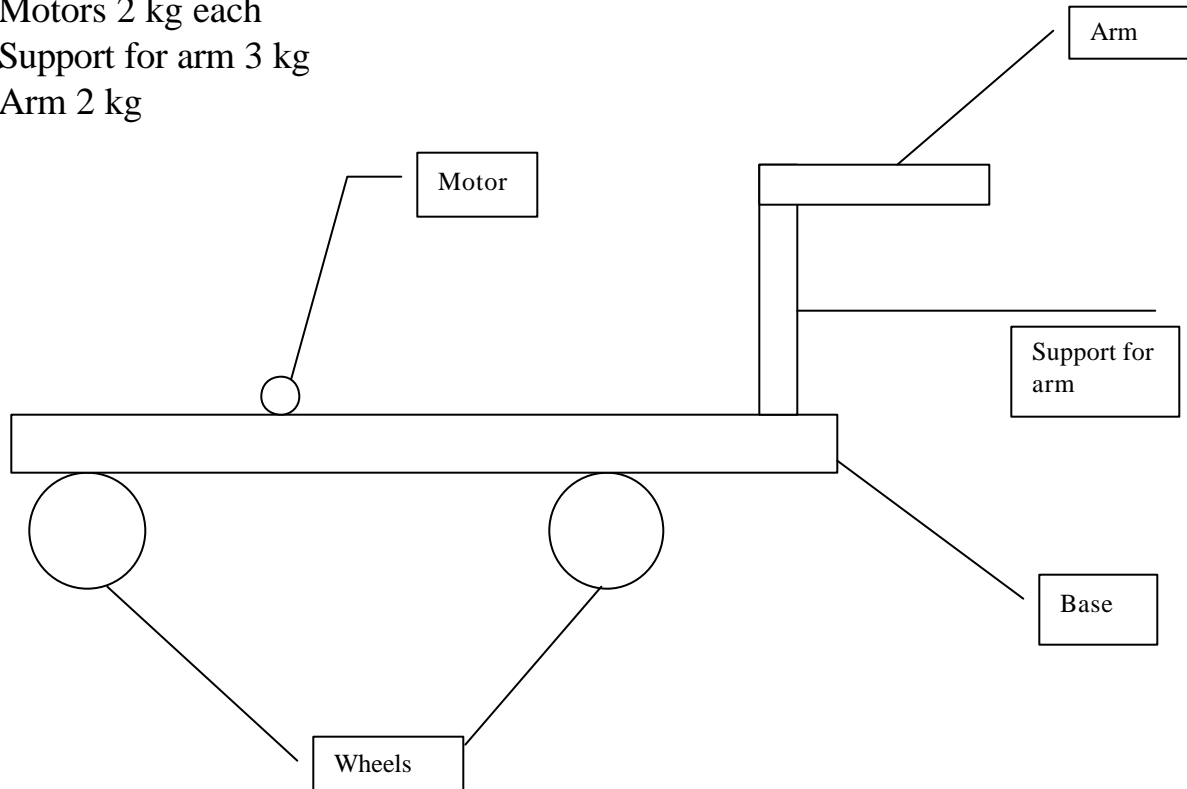
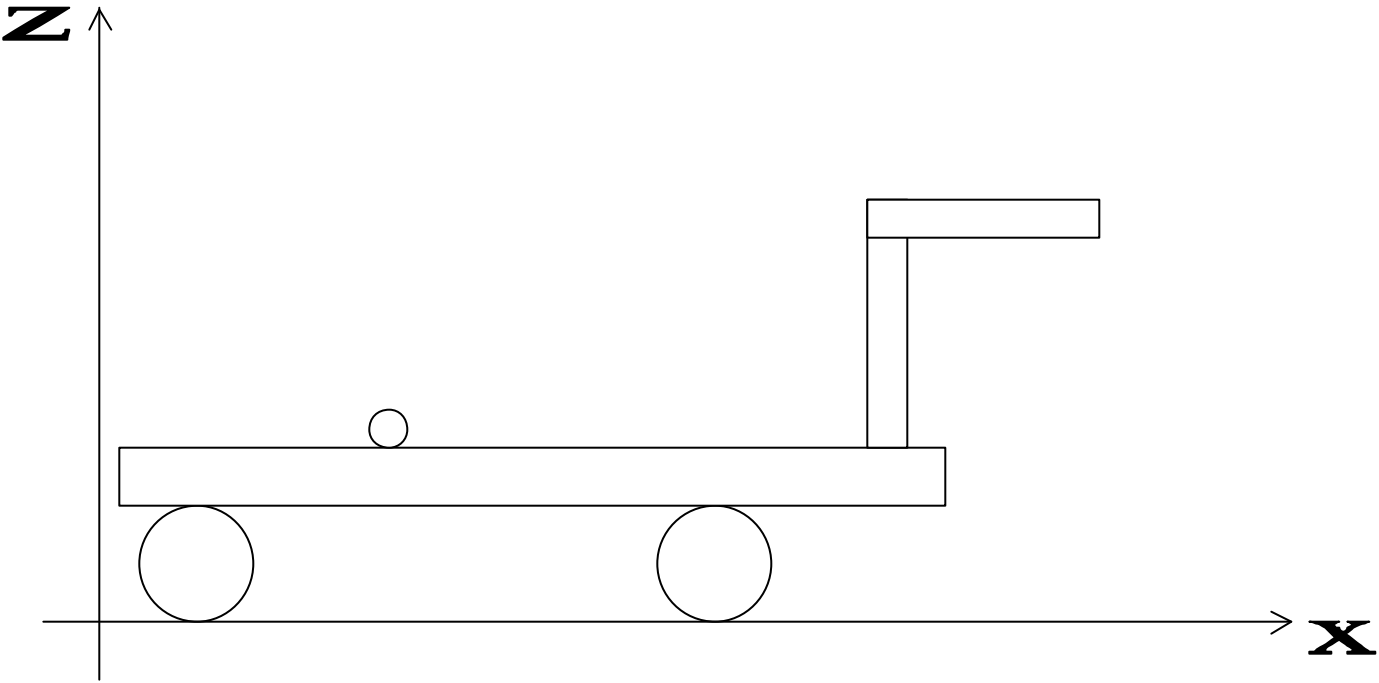


### Center of Gravity Exercise

- Find the x, y and z components of the CG of the robot drawn on the back of this page.
- Use centimeters on the drawing as a distance unit.
- Assume the mass of each object is uniformly distributed
- The masses of the components of the robot are as follows:
  - Base: 5 kg
  - Wheels: 1 kg each
  - Motors 2 kg each
  - Support for arm 3 kg
  - Arm 2 kg



Side View



Top View

